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Technology Center 2100

Multi-Part Looked-Up Table Field and Its Use in Data Processing Operations  
Involving Multiple Tables of a Relational Database

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BACKGROUND OF THE INVENTION

Related Application

The present application is a continuation-in-part application of U.S. Patent Application, number <to be assigned>, filed on October 25, 2001, and entitled  
10 "Multi-Part Looked-Up Table Fields and Its Use in Data Processing Operations involving Multiple Tables of a Relational Database".

1. Field of the Invention

The present invention relates to the field of data processing. More  
15 specifically, the present invention relates to data processing techniques associated with data processing operations involving multiple tables of a relational database.

2. Background Information

In the course of the last two to three decades, relational database has  
20 arguably become the most widely used database model in database management. Along with the growing popularity of relational databases, the Structured Query Language (SQL) has become an indispensable tool for accessing data stored in tables of relational databases.

However, as those skilled in the art would appreciate, virtually all data  
25 accesses of any meaningful application would require access and processing of data resided in multiple tables. Such accesses and processing require the